The Real Alternative, W9HHX

by Peter Martin

W9HHX, the Amateur radio club located in C-6, is having another busy year. The members of the "ham" club, as it is called, have been working on all sorts of projects.

For those who do not know exactly what ham radio is all about, here is a brief explanation. Ham radio, a form of two-way communication, has its roots back before World War I. It is still a major contributor to "state-of-the-art" technology. Unlike citizens' band, it is more interesting because many modes of communication are available. These modes include relaying signals via space sattelites or bouncing signals off the moon. Others talk from hand-held rigs or from transcievers in their cars. Still others send their pictures by television or chat around the world with other hams. When needed, radio amateurs tie together the broken lines of communication and even work in conjunction with the Red Cross in time of disasters.

With the generous allocations from SGA in the past two years, the club has been able to completely upgrade the station's many transceivers. A new antenna system was also installed by the members over the past year, completing a three-year program to increase the effectiveness of the station. Work is being completed at this time on a private study lounge that is open to members 24 hours a day.

W9HHX also takes care of a repeater system. This system is a remote transmitter and receiver located on the top of MLH dormitory. It is used to increase the effective range of small hand-held radios.

This quarter there have been a number of members who do not have their licenses. In response to their wishes, a licensing class has been started. To become a ham, one must pass two tests. The first exam tests the person on his knowledge of the Morse code, a major type of communication on the "ham bands." The second is a test of the person's knowledge of electrical principles and FCC laws. It is not too late if you are interested in joining the class. The class meets at 1:00 on Wednesdays. Or, if you would like to come to a meeting, look for our notices on the bulletin boards. Feel free to come on down to have a look around and see where all the alternative radio action is taking place!

NIGHT SCHOOL NEWS

Sandra Everts, MSOE's Director of Continuing Education, has listed the following short courses and seminars for the next three months:

Seminars

Industrial Robotics
(Milwaukee)
May 24, 1983

Introduction to Hydraulics
June 6-10, 1983

Analyzing Industrial Hydraulic Circuits
June 20-24, 1983

Short Courses

CE-331 - Quality Engineering: Methods and Management
Monday Evenings
April 4 - May 9, 1983

*CE-002 - The Dual Career Couple Workshop
Thursday Evenings
April 21 and 28, 1983

*CE-002 is a newly listed workshop that investigates definitions and myths about dual career couples, the establishment of a mutually satisfying relationship, role coping and managing for effectiveness (time and stress). The workshop leaders are Joe Meloy (Director of Counseling Services) and Steven Stoeger-Moore (Director of Residence Halls) of MSOE.

For more information please contact:

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ATC: The Missing Link

When MSOE's Applied Technology Center (ATC) enters student discussion, most participants would withdraw because of the misconception that ATC is not a part (or cannot be a part) of their world. Especially for the evening college student, this is terribly inaccurate. The ATC is a valuable link in the chain of events, that starts with the conception of ideas and ends with the widely used application. The center handles projects primarily in the areas of product design and development, testing and applied research.

The ATC supplies two major goals that are of interest to MSOE students. The first is to provide faculty, staff and student expertise to meet the variety of problems encountered by business and industry. This concept often provides an interdisciplinary approach to solving problems, utilizing resources not normally available to a particular company. The second goal is to help the students, staff and faculty at MSOE gain and maintain the state-of-the-art experience which is instrumental in the proper training and education of students.

The Applied Technology Center, supervised by Dean of Research Thomas W. Davis, is divided into several research areas and employs all facets of MSOE's physical plant and technical expertise, as it's needed. NSN will spotlight each research area next Fall, and report any significant advances in the ATC as they occur.